



California State Fire Marshal  
National Fire Incident Reporting System

Data as of: 07/01/2009 2:06:05PM

FDID Range:  
0 to No Upper Bound

Incident Date Range:  
01/01/2008 to 12/31/2008

Heat Source:  
0 to No Upper Bound

Cause of Ignition:  
0 to No Upper Bound

Incident Type:  
0 to No Upper Bound

Fires By Age Groups Involved In Ignition

<u>Age</u> <u>Group</u>	<u>Cause Of</u> <u>Ignition</u>	<u>Heat</u> <u>Source</u>	<u>Incident</u> <u>Count</u>	<u>Property</u> <u>Losses</u>	<u>Contents</u> <u>Losses</u>	<u>Fire Service</u> <u>Injuries</u>	<u>Fire Service</u> <u>Deaths</u>	<u>Civilian</u> <u>Injuries</u>	<u>Civilian</u> <u>Deaths</u>
00 - 05									
Intentional									
		Hot ember or ash	1	\$0	\$0	0	0	0	0
		Fireworks	1	\$0	\$0	0	0	0	0
		Heat from other open flame or smoking materials	3	\$6,000	\$0	0	0	0	0
		Match	6	\$25,150	\$2,250	0	0	0	0
		Cigarette lighter	13	\$137,550	\$58,451	0	0	0	0
		Undetermined	4	\$51,500	\$1,000	0	0	0	0
	Intentional	Subtotal	28	\$220,200	\$61,701	0	0	0	0
Unintentional									
		Heat source: other	4	\$10,510	\$200	0	0	0	0
		Heat from powered equipment, other	3	\$101,000	\$22,500	0	0	0	0
		Spark, ember or flame from operating equipment	1	\$0	\$0	0	0	0	0
		Radiated, conducted heat from operating equipment	5	\$1	\$46	0	0	0	0
		Arcing	1	\$0	\$0	0	0	0	0
		Heat from other open flame or smoking materials	1	\$10,000	\$3,000	0	0	0	0
		Match	4	\$21,000	\$11,000	0	0	0	0
		Cigarette lighter	8	\$180,700	\$67,100	0	0	4	0
		Candle	5	\$148,500	\$46,500	0	0	0	0
		Undetermined	2	\$151,000	\$33,500	0	0	0	0

## Fires By Age Groups Involved In Ignition

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
<b>00 - 05</b>									
	Unintentional	Subtotal	34	\$622,711	\$183,846	0	0	4	0
	<b>Cause under investigation</b>								
			1	\$0	\$0	0	0	0	0
			2	\$0	\$0	0	0	0	0
		Subtotal	3	\$0	\$0	0	0	0	0
			1	\$10,000	\$5,000	0	0	0	0
		Subtotal	1	\$10,000	\$5,000	0	0	0	0
	<b>Cause undetermined after investigation</b>								
			1	\$70,000	\$30,000	0	0	0	0
			1	\$175,000	\$125,000	0	0	1	1
		Subtotal	2	\$245,000	\$155,000	0	0	1	1
	Age Group	Total	68	\$1,097,911	\$405,547	0	0	5	1
<b>06 - 10</b>									
	<b>Cause, other (conversion and exposure 1 only)</b>								
			1	\$50,000	\$1,000	0	0	0	0
			1	\$0	\$0	0	0	0	0
			1	\$0	\$0	0	0	0	0
		Subtotal	3	\$50,000	\$1,000	0	0	0	0
	<b>Intentional</b>								
			2	\$0	\$0	0	0	0	0
			1	\$0	\$10	0	0	0	0
			1	\$0	\$0	0	0	0	0
			2	\$10,000	\$5,000	0	0	0	0
			3	\$2,070	\$250	0	0	0	0
			23	\$64,710	\$10,101	0	0	0	0
			35	\$559,350	\$139,350	0	0	1	0
			1	\$0	\$0	0	0	0	0
			4	\$1,250	\$450	0	0	0	0
			1	\$10,000	\$5,000	0	0	0	0
			2	\$10,000	\$5,000	0	0	0	0

## Fires By Age Groups Involved In Ignition

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
<b>06 - 10</b>									
		Undetermined	1	\$102,000	\$0	0	0	0	0
	<b>Intentional</b>	<b>Subtotal</b>	<b>76</b>	<b>\$759,380</b>	<b>\$165,161</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
	<b>Unintentional</b>								
		Heat source: other	4	\$1,500	\$1,000	0	0	0	0
		Heat from powered equipment, other	3	\$121,000	\$40,500	0	0	0	0
		Spark, ember or flame from operating equipment	1	\$500	\$500	0	0	0	0
		Radiated, conducted heat from operating equipment	3	\$56,500	\$6,500	0	0	0	0
		Hot or smoldering object, other	4	\$1,000	\$200	0	0	0	0
		Hot ember or ash	3	\$10,000	\$1,600	0	0	0	0
		Fireworks	4	\$0	\$0	0	0	0	0
		Incendiary device	1	\$0	\$0	0	0	0	0
		Heat from other open flame or smoking materials	1	\$100	\$200	0	0	0	0
		Heat from undetermined smoking material	1	\$0	\$0	0	0	0	0
		Match	7	\$250,000	\$70,000	0	0	0	0
		Cigarette lighter	6	\$76,000	\$26,500	0	0	1	0
		Candle	2	\$350	\$800	0	0	0	0
	<b>Unintentional</b>	<b>Subtotal</b>	<b>40</b>	<b>\$516,950</b>	<b>\$147,800</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
	<b>Cause under investigation</b>								
		Radiated, conducted heat from operating equipment	1	\$0	\$0	0	0	0	0
		Hot or smoldering object, other	1	\$500	\$0	0	0	0	0
		Match	1	\$3,000	\$2,000	0	0	0	0
		Multiple heat sources including multiple ignitions	1	\$50,000	\$10,000	0	0	0	0
	<b>Cause under investigation</b>	<b>Subtotal</b>	<b>4</b>	<b>\$53,500</b>	<b>\$12,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Cause undetermined after investigation</b>								
		Undetermined	2	\$50,000	\$0	0	0	0	0
	<b>Cause undetermined after investigation</b>	<b>Subtotal</b>	<b>2</b>	<b>\$50,000</b>	<b>\$0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Age Group</b>	<b>Total</b>	<b>125</b>	<b>\$1,429,830</b>	<b>\$325,961</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>

11 - 17

**Cause, other (conversion and exposure 1 only)**

		Heat source: other	1	\$0	\$0	0	0	0	0
		Hot or smoldering object, other	1	\$0	\$0	0	0	0	0

## Fires By Age Groups Involved In Ignition

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
<b>11 - 17</b>									
	Cigarette lighter		1	\$0	\$0	0	0	0	0
	Candle		1	\$175,000	\$50,000	0	0	0	0
	Undetermined		3	\$9,000	\$1,000	0	0	0	0
	<b>Cause, other (conversion and exposure 1 only)</b>	<b>Subtotal</b>	<b>7</b>	<b>\$184,000</b>	<b>\$51,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Intentional</b>									
	Heat source: other		7	\$20,600	\$100	0	0	0	0
	Spark, ember or flame from operating equipment		1	\$2,000	\$500	0	0	0	0
	Hot or smoldering object, other		2	\$0	\$0	0	0	0	0
	Hot ember or ash		2	\$0	\$0	0	0	0	0
	Explosive, fireworks, other		1	\$1	\$1	0	0	0	0
	Fireworks		2	\$0	\$0	0	0	0	0
	Heat from other open flame or smoking materials		6	\$0	\$0	0	0	0	0
	Heat from undetermined smoking material		2	\$0	\$0	0	0	0	0
	Match		23	\$4,300	\$3,150	0	0	0	0
	Cigarette lighter		33	\$42,501	\$2,506	0	0	0	0
	Warning or road flare; fusee		1	\$1	\$1	0	0	0	0
	Flame/torch used for lighting		2	\$250	\$250	0	0	0	0
	Heat from direct flame, convection currents		3	\$100	\$300	0	0	0	0
	Multiple heat sources including multiple ignitions		2	\$3,000	\$0	0	0	0	0
	Undetermined		20	\$3,401	\$1,801	0	0	0	0
	<b>Intentional</b>	<b>Subtotal</b>	<b>107</b>	<b>\$76,154</b>	<b>\$8,609</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Unintentional</b>									
	Heat source: other		4	\$1,900	\$700	0	0	0	0
	Heat from powered equipment, other		5	\$301,001	\$100,800	0	0	2	0
	Spark, ember or flame from operating equipment		1	\$250,000	\$100,000	0	0	1	0
	Radiated, conducted heat from operating equipment		4	\$48,100	\$15,000	0	0	0	0
	Hot or smoldering object, other		5	\$25,000	\$12,500	0	0	0	0
	Hot ember or ash		4	\$12,600	\$0	0	0	0	0
	Explosive, fireworks, other		2	\$30,000	\$0	0	0	0	0
	Fireworks		5	\$40,500	\$5,040	0	0	0	0
	Heat from other open flame or smoking materials		2	\$1	\$5,500	0	0	0	0
	Cigarette		3	\$120,000	\$22,005	0	0	0	0

## Fires By Age Groups Involved In Ignition

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
<b>11 - 17</b>									
		Match	5	\$1,500	\$750	0	0	0	0
		Cigarette lighter	3	\$75,000	\$21,000	0	0	0	0
		Flame/torch used for lighting	2	\$1,200	\$4,100	0	0	0	0
		Undetermined	2	\$1,000	\$1,500	0	0	0	0
	<b>Unintentional</b>	<b>Subtotal</b>	<b>47</b>	<b>\$907,802</b>	<b>\$288,895</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>
	<b>Failure of equipment or heat source</b>								
		Arcing	1	\$75,000	\$25,000	0	0	0	0
	<b>Failure of equipment or heat source</b>	<b>Subtotal</b>	<b>1</b>	<b>\$75,000</b>	<b>\$25,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Cause under investigation</b>								
		Fireworks	1	\$75,000	\$50,000	0	0	0	0
		Heat from other open flame or smoking materials	1	\$0	\$0	0	0	0	0
		Match	1	\$400	\$0	0	0	0	0
		Cigarette lighter	1	\$15,000	\$500	0	0	0	0
		Multiple heat sources including multiple ignitions	1	\$100,000	\$50,000	0	0	0	0
		Undetermined	8	\$59,200	\$21,100	0	0	0	0
	<b>Cause under investigation</b>	<b>Subtotal</b>	<b>13</b>	<b>\$249,600</b>	<b>\$121,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Cause undetermined after investigation</b>								
		Heat from other open flame or smoking materials	1	\$0	\$0	0	0	0	0
		Heat from undetermined smoking material	1	\$0	\$0	0	0	0	0
		Candle	1	\$100	\$2,500	0	0	0	0
		Undetermined	5	\$25	\$0	0	0	0	0
	<b>Cause undetermined after investigation</b>	<b>Subtotal</b>	<b>8</b>	<b>\$125</b>	<b>\$2,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Age Group</b>	<b>Total</b>	<b>183</b>	<b>\$1,492,681</b>	<b>\$497,604</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>
<b>18 - 30</b>									
	<b>Intentional</b>								
		Heat source: other	2	\$0	\$0	0	0	0	0
		Hot or smoldering object, other	1	\$0	\$0	0	0	0	0
		Hot ember or ash	1	\$0	\$0	0	0	0	0
		Heat from other open flame or smoking materials	1	\$0	\$0	0	0	0	0
		Heat from undetermined smoking material	1	\$0	\$0	0	0	0	0
		Match	2	\$1	\$1	0	0	0	0

## Fires By Age Groups Involved In Ignition

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
<b>18 - 30</b>									
		Cigarette lighter	3	\$100,000	\$10,500	0	0	0	0
		Flying brand, ember, spark	1	\$0	\$0	0	0	0	0
		Undetermined	5	\$50	\$0	0	0	0	0
	<b>Intentional</b>	<b>Subtotal</b>	<b>17</b>	<b>\$100,051</b>	<b>\$10,501</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Unintentional</b>								
		Heat source: other	2	\$25,000	\$2,000	0	0	0	0
		Heat from powered equipment, other	2	\$0	\$0	0	0	1	0
		Spark, ember or flame from operating equipment	1	\$0	\$0	0	0	0	0
		Radiated, conducted heat from operating equipment	2	\$7,000	\$5,000	0	0	0	0
		Hot or smoldering object, other	3	\$7,000	\$2,000	0	0	1	0
		Hot ember or ash	2	\$3,000	\$500	0	0	0	0
		Fireworks	1	\$0	\$0	0	0	0	0
		Heat from other open flame or smoking materials	2	\$2,000	\$101	0	0	0	0
		Heat from undetermined smoking material	1	\$0	\$0	0	0	0	0
		Cigarette lighter	1	\$0	\$0	0	0	0	0
		Candle	1	\$500	\$100	0	0	0	0
		Chemical reaction	1	\$8,000	\$3,000	0	0	0	0
		Multiple heat sources including multiple ignitions	1	\$0	\$1,000	0	0	0	0
		Undetermined	1	\$1,000	\$0	0	0	0	0
	<b>Unintentional</b>	<b>Subtotal</b>	<b>21</b>	<b>\$53,500</b>	<b>\$13,701</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>
	<b>Failure of equipment or heat source</b>								
		Heat from powered equipment, other	1	\$0	\$0	0	0	0	0
		Spark, ember or flame from operating equipment	1	\$2,500	\$500	0	0	0	0
	<b>Failure of equipment or heat source</b>	<b>Subtotal</b>	<b>2</b>	<b>\$2,500</b>	<b>\$500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Cause undetermined after investigation</b>								
		Hot or smoldering object, other	1	\$0	\$0	0	0	0	0
		Undetermined	1	\$5,000	\$3,000	0	0	0	0
	<b>Cause undetermined after investigation</b>	<b>Subtotal</b>	<b>2</b>	<b>\$5,000</b>	<b>\$3,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Age Group</b>	<b>Total</b>	<b>42</b>	<b>\$161,051</b>	<b>\$27,702</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>

**31 - 45**

**Intentional**

## Fires By Age Groups Involved In Ignition

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
<b>31 - 45</b>									
		Cigarette lighter	2	\$0	\$0	0	0	0	0
		Heat spread from another fire, other	1	\$0	\$0	0	0	0	0
	<b>Intentional</b>	<b>Subtotal</b>	<b>3</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Unintentional</b>								
		Heat source: other	1	\$0	\$0	0	0	0	0
		Heat from powered equipment, other	1	\$0	\$500	0	0	0	0
		Radiated, conducted heat from operating equipment	2	\$7,500	\$1,000	0	0	0	0
		Hot or smoldering object, other	1	\$10,000	\$0	0	0	0	0
		Backfire from internal combustion engine	1	\$0	\$0	0	0	1	0
	<b>Unintentional</b>	<b>Subtotal</b>	<b>6</b>	<b>\$17,500</b>	<b>\$1,500</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
	<b>Cause under investigation</b>								
		Heat source: other	1	\$25,000	\$20,000	0	0	0	0
	<b>Cause under investigation</b>	<b>Subtotal</b>	<b>1</b>	<b>\$25,000</b>	<b>\$20,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Age Group</b>	<b>Total</b>	<b>10</b>	<b>\$42,500</b>	<b>\$21,500</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>46 - 60</b>									
	<b>Intentional</b>								
		Heat from other open flame or smoking materials	1	\$5,000	\$0	0	0	0	0
		Match	1	\$0	\$0	0	0	0	0
		Cigarette lighter	1	\$25	\$0	0	0	0	0
	<b>Intentional</b>	<b>Subtotal</b>	<b>3</b>	<b>\$5,025</b>	<b>\$0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Unintentional</b>								
		Heat source: other	1	\$500	\$200	0	0	0	0
		Heat from powered equipment, other	1	\$40,000	\$30,000	0	0	0	0
		Spark, ember or flame from operating equipment	1	\$1,000	\$1,000	0	0	0	0
		Hot ember or ash	1	\$0	\$0	0	0	0	0
		Candle	1	\$5,000	\$1,000	0	0	0	0
	<b>Unintentional</b>	<b>Subtotal</b>	<b>5</b>	<b>\$46,500</b>	<b>\$32,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Failure of equipment or heat source</b>								
		Heat from powered equipment, other	1	\$1,000	\$50	0	0	0	0
		Arcing	1	\$0	\$0	0	0	0	0

## Fires By Age Groups Involved In Ignition

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
<b>46 - 60</b>									
	Failure of equipment or heat source	Subtotal	2	\$1,000	\$50	0	0	0	0
	<b>Cause under investigation</b>								
	Undetermined		1	\$50,000	\$10,000	0	0	0	1
	Cause under investigation	Subtotal	1	\$50,000	\$10,000	0	0	0	1
	Age Group	Total	11	\$102,525	\$42,250	0	0	0	1
<b>60+</b>									
	<b>Intentional</b>								
	Match		2	\$1	\$51	0	0	0	0
	Flame/torch used for lighting		1	\$0	\$0	0	0	0	0
	Undetermined		1	\$0	\$0	0	0	0	0
	Intentional	Subtotal	4	\$1	\$51	0	0	0	0
	<b>Unintentional</b>								
	Heat source: other		6	\$10,000	\$0	0	0	0	0
	Heat from powered equipment, other		10	\$5,000	\$3,080	0	0	0	0
	Spark, ember or flame from operating equipment		2	\$7,001	\$1	0	0	0	0
	Radiated, conducted heat from operating equipment		5	\$71,500	\$10,500	0	0	3	0
	Hot or smoldering object, other		6	\$2,900	\$611	0	0	0	0
	Hot ember or ash		1	\$0	\$0	0	0	0	0
	Heat from other open flame or smoking materials		3	\$5,000	\$1,200	0	0	0	0
	Cigarette		3	\$40,700	\$17,600	0	0	1	0
	Candle		1	\$5,000	\$5,000	0	0	0	0
	Undetermined		1	\$500	\$2,000	0	0	1	0
	Unintentional	Subtotal	38	\$147,601	\$39,992	0	0	5	0
	<b>Failure of equipment or heat source</b>								
			1	\$221,600	\$110,000	0	0	1	1
	Chemical, natural heat source, other		1	\$0	\$0	0	0	0	0
	Failure of equipment or heat source	Subtotal	2	\$221,600	\$110,000	0	0	1	1
	<b>Cause under investigation</b>								
	Hot or smoldering object, other		2	\$300,000	\$50,000	0	0	1	0
	Match		1	\$0	\$0	0	0	0	0
	Undetermined		2	\$190,000	\$30,000	0	0	1	0



## Fires By Age Groups Involved In Ignition

60+

Cause under investigation	Subtotal	5	\$490,000	\$80,000	0	0	2	0
Age Group	Total	49	\$859,202	\$230,043	0	0	8	1
	Grand Total	488	\$5,185,700	\$1,550,607	0	0	21	3

The data contained in this report comes from the State Fire Marshal's California All Incident Reporting System (CAIRS) data warehouse. Property and contents loss figures, if included herein, are estimates only. These emergency incident statistics, including injury and death counts, are based only upon information submitted to the State Fire Marshal by participating California fire departments. Please note that apparent variations in incident counts and associated losses shown in this report may be solely due to fluctuations in the amount of data submitted to the State Fire Marshal. And while the incoming data is validated according to logical data rules, individual data elements are not always verified for accuracy.